

aspect of the present invention, the tension band includes a plurality of tension adjusting features being positioned at locations around the band aft of the inside blend radius.

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Brief Description of the Drawings

The invention will now be described by way of example with reference to the accompanying Figures of which:

Figure 1 shows a perspective view of a CRT having an implosion prevention
10 tension band.

Figure 2 is a cross sectional view of the CRT taken along the line 2-2 of Figure
1.

Figure 3 is a partial perspective view of a corner of a second alternate
implosion prevention tension band applied on a CRT.

Figure 4 is a cross sectional view taken along the line 4-4 of Figure 3.
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Figure 5 is a partial perspective view of a corner of a third alternate implosion
prevention tension band applied on a CRT.

Figure 6 is a cross sectional view taken along the line 6-6 of Figure 5

Figure 7 is a partial perspective view of a corner of a fourth alternate implosion
20 prevention tension band applied on a CRT.

Figure 8 is a cross sectional view taken along the line 8-8 of Figure 7

Figure 9 is a cross sectional view taken along the line 9-9 of Figure 7.

Figure 10 is a partial perspective view of a corner of a fifth alternate implosion
prevention tension band applied on a CRT.

25 Figure 11 is a cross sectional view taken along the line 11-11 of Figure 10.

Detailed Description of the Invention

As best shown in Figures 1 and 2, a CRT 10 is surrounded by an implosion
prevention tension band 16 having a plurality of mounting lugs 14 usually positioned
30 in the corners 36. The CRT 10 consists of an evacuated envelope 28 including a
faceplate panel 18 connected to a tubular neck 20 by a funnel 25. The funnel 25 has
an internal conductive coating (not shown) that extends from an anode button 27
toward the faceplate panel 18. The faceplate panel 18 comprises a substantially flat